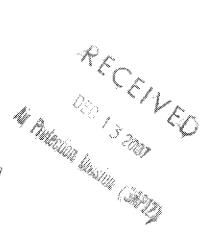


United States Steel Corporation Clainton Works 400 State Street Clairton, PA 15025



November 29, 2007

Dr. Roger C. Westman Department of Air Quality Bureau of Air Pollution Control 301 Thirty-Ninth Street Pittsburgh, PA 15201

U.S. Environmental Protection Agency Region III Air, Radiation & Toxics Division 1650 Arch Street Philadelphia, PA 19103-2029 ATTN: Michael Ioff (3AT23)

Assistant Council Southwest Region 400 Waterfront Drive Pittsburgh, PA 15222-4745 ATTN: Steve Hepler

Department of Justice Department of Environmental Protection Environmental and Natural Resource Division Environmental Enforcement Section P.O. Box 7611 Ben Franklin Station Washington, D.C. 20044 ATTN: David Street, Esq.

Subject: USS Reference Number: 07-0428

ACHD Reference Number: N/A

USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Lisa A. Roudabush Plant Manager Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 07-0428
ACHD Reference Number: N/A

- 2. Date & Time of Breakdown: Date: 11/28/07 Time: 1830 hours
- 3. Company Name: U.S. Steel Corporation USS Clairton Works
- 4. Specific Equipment Involved or Affected: Gas Processing Plants
- 5. BAPC Permit Number (if applicable):
- 6. Location: Clairton, PA
- 7. Nature and cause of breakdown: Coke oven gas suction pressure was lost and coke oven gas was flared on all batteries when the gas processing plants shut down due to a power failure. This prevented the desulfurization of the coke oven gas. Fuel gas was also lost for a period of time. Natural gas was used until a stabilized supply of coke oven gas could be restored.

		Start	End	Duration	Flared
Date	Battery	Time	Time	Min. Sec	Yes No
10/05/04	1	19:40	20:50	70 00	
10/05/04	2	19:40	20:50	70 00	Yes
10/05/04	3	19:40	20:50	70 00	Yes
10/05/04	7	19:15	20:50	95 00	Ŷes
10/05/04	8	19:15	20:50	95 00	Yes
10/05/04	9	19:15	20:50	95 00	Yes
10/05/04	13	18:41	20:50	129 00	Yes
10/05/04 10/05/04	14	18:41	20:50	129 00	Yes
10/05/04	15	18:41	20:50	129 00	Yes
10/05/04	19	18:41	20:50	129 00	Yes
10/05/04	20 p	18:41	20:50	129 00	Yes
10/03/04	В	18:41	20:50	129 00	Yes

8. Identification of Emissions:

- A. Type(s) (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
 Released products of combustion of Coke Oven Gas. Elevated
 H₂S in the downriver and under-firing gas line systems,
 causing increased SO₂ and VOC at point of combustion. This
 also cause increased emissions from battery emission points;
 doors, lids, offtakes, charging, & stacks.
- B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is and VOC could be an eye, nose, and throat irritant.
- C. Amount of each type emitted (or likely to be emitted).
 Moderate

- 9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so). The gas processing systems were brought on line.
- 10. Facility back in operation Date: 11/28/07 Time: 2050 hours

Signature <u>Clew h. Xhurò</u> Date 10-5-07
Coleen M. Davis

Senior Environmental Control Engineer Phone: 412-233-1015